

WHAT IS CLAIMED IS:

1. A telecommunications system, comprising:
a plurality of network clients including a positioning controller and a
5 communications controller; and
a positioning server including a coordinating controller for maintaining a
database of network clients to be tracked and provide updates of position-related
information to a presence server;
wherein said plurality of network clients are configured to transmit position
10 information received via said positioning controller to said positioning server via said
communications controller, said positioning information including information related
to a speed of movement.
2. A telecommunications system in accordance with claim 1, wherein said
15 plurality of network clients are configured to associate a particular speed with being
in a car.
3. A telecommunications system in accordance with claim 2, wherein said
communications controller is adapted to transmit a position update to said
20 positioning server upon detection of a predetermined speed.
4. A telecommunications system in accordance with claim 3, wherein said
speed is correlated with a hysteresis threshold.
- 25 5. A telecommunications system in accordance with claim 4, wherein said
position signals comprise global positioning system signals.
6. A telecommunications system in accordance with claim 5, wherein said
communications controller is a cellular telephone controller.
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7. A telecommunications device, comprising:
a positioning controller adapted to determine positioning information for said

telecommunications device, said positioning information including device speed;

a cellular telephone controller adapted to receive said positioning information from said positioning controller and cause said positioning information to be transmitted to an associated server; and

5 a database controller for maintaining a database of position-presence correlation rules defining when said positioning information is to be transmitted.

8. A telecommunications device as recited in claim 7, wherein said positioning controller receives Global Positioning System (GPS) signals to determine
10 said positioning information.

9. A telecommunications device as recited in claim 8, wherein said position-presence correlation rules include presence status associated with said device speed.

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10. A telecommunications device as recited in claim 9, wherein said cellular telephone controller transmits changes to location status to said associated server.

20 11. A telecommunications device as recited in claim 10, wherein said cellular telephone controller is adapted to transmit a position update to said associated server upon a change of speed.

12. A telecommunications device in accordance with claim 11, wherein
25 said cellular telephone controller is adapted to transmit said position update upon said change of speed only if said change of speed is correlated with a predefined position-presence correlation rule with a hysteresis threshold.

13. A telecommunications method, comprising:
30 receiving one or more user positioning and presence correlation rules at a server, wherein positioning information is received from remote users having positioning controllers for receiving location information and communication

controllers for transmitting said location information to said server via a wireless communication network; and

transmitting said one or more positioning and presence correlation rules to at least one of said remote users;

5 wherein said one or more positioning and presence correlation rules include a device speed.

14. A telecommunications method in accordance with claim 13, further comprising:

10 receiving positioning updates at said remote user; and

transmitting presence updates to said server as specified in said one or more positioning and presence correlation rules.

15 15. A telecommunications method in accordance with claim 14, wherein said device speed is associated with a hysteresis threshold.

16. A telecommunications system, comprising:

a plurality of network clients including a positioning controller and a communications controller; and

20 a positioning server including a coordinating controller for maintaining a database of network clients to be tracked and provide updates of position-related information to a presence server;

wherein said plurality of network clients are configured to transmit position information received via said positioning controller to said positioning server via said communications controller; and

25 wherein one or more hysteresis thresholds are maintained.